

Construction Advisory

CA 2007-10
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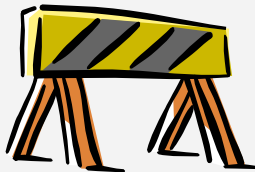
Index: Hot Mix Asphalt

Questions regarding this
Construction Advisory should
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BJO:CJB

Hot Mix Asphalt (HMA) Paving

Following are areas of concern from last year's construction season, along with reminders for this year's construction season:

- The *HMA Production Manual*, Section 3: HMA QC/QA Procedures Manual of Field Testing, provides a quick reference guide for HMA sampling and testing. Section 3 provides the procedure for proper core handling and transporting of the cores. Additionally, frequently used special provision 03SP504(C), sections f.5 and f.6 address core sampling and testing, including outlier procedures.
- The most current version of the PWL spreadsheet is available at

http://www.michigan.gov/mdot/0,1607,7-151-9622_11044_11367-124538--,00.html.

- Refer to the *Materials Quality Assurance Procedures Manual* for the proper procedure for random number generation and field location for coring.
- Clean paving equipment with a non-fuel based release agent agreed upon by the contractor and the engineer.
- Refer to Division 5 of the *Construction Manual* for the proper construction and quality of transverse and vertical longitudinal joints to ensure a smooth riding surface.
- Refer to CA 2006-07 for HMA paving documentation requirements.
- Refer to CA 2006-09 for information on asphalt binder witness samples.
- Refer to CA 2006-11 for certifications and qualifications for testing/ sampling personnel
- Review Michigan Test Methods 313-07, 324-07, and 325-07.
- To target the current job mix formula, a contractor can make changes to the process controls of the HMA plant without requesting an adjustment. See Bureau of Highway Instructional Memorandum 2005-10, *Procedures for Job Mix Formula Adjustments*.

Please share this information with project staff and consultants performing construction engineering.